

# Guidance Document for Process Flow Diagrams

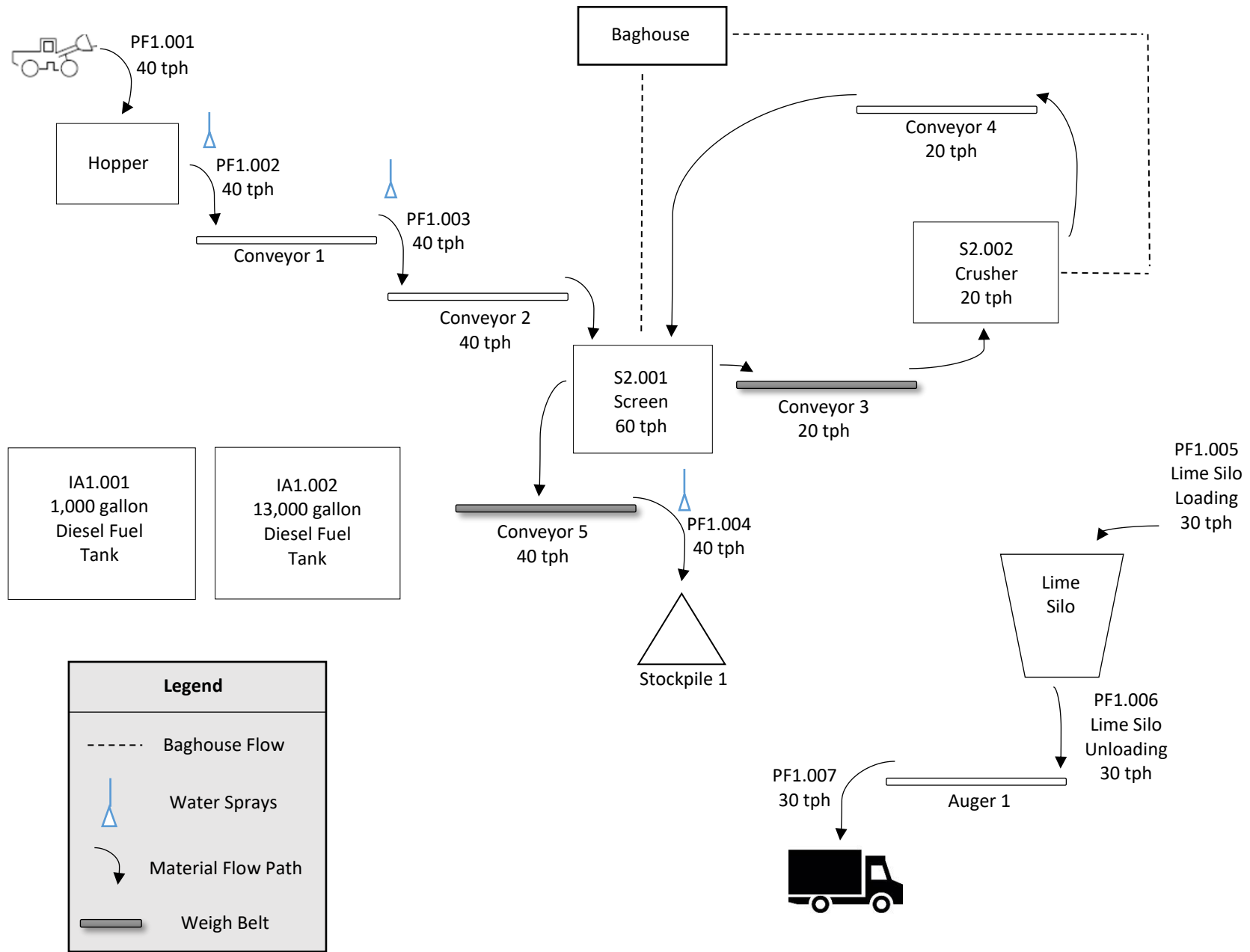


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*Disclaimer: The BAPC reserves the right to modify this guidance at any time. This document supersedes any previous documents that relate to process flow diagrams issued by the BAPC.*

# Example of a Process Flow Diagram



## Example of a Process Flow Diagram

The following items, at a minimum, must be shown:

- 1) All emission units at the facility are accounted for;
- 2) If the diagram spans multiple pages, the continuation of pages are coherent;
- 3) All air pollution controls are shown;
- 4) If hand drawn, must be legible;
- 5) All units are labelled with corresponding emission unit ID (ex. S2.001, PF1.002, IA1.003, etc.);
- 6) Emission unit and associated transfers are combined (ex. S2.001 – Screen and Associated Transfers (In from Conveyor 2, Out to Conveyor 3));
- 7) Location of Weigh Belts;
- 8) Insignificant Activities are included;
- 9) Location and size of Tanks;
- 10) Bypass and recirculation lines; and
- 11) Throughput rates (e.g. tons per hour, gallons per hour) to determine the flow of material.

### *Emission Unit List Example*

<b>Emission Unit #</b>	<b>Emission Unit Name</b>
PF1.001	Loader Transfer to Hopper
PF1.002	Hopper Transfer to Conveyor 1
PF1.003	Conveyor 1 Transfer to Conveyor 2
S2.001	Screen and Associated Transfers (In from Conveyor 2, Conveyor 4; Out to Conveyor 3 and Conveyor 5)
S2.002	Crusher and Associated Transfers (In from Conveyor 3; Out to Conveyor 4)
PF1.004	Conveyor 5 Transfer to Stockpile 1
PF1.005	Lime Silo Loading
PF1.006	Lime Silo Unloading (to Auger 1)
PF1.007	Auger 1 Transfer to Truck